

Approval: Original signed by Teresa Strobush, Schedule Coordinator

ID	Main Headings	Task Name	Finish	1997				1998				1999				2000				2001				2002				2003				2004	
				Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2		
1		Go-Ahead	6/14/96	◆	Go-Ahead																												
2		Phase A Prelim Analysis (60-Day Team)	8/23/96	■	Phase A Prelim Analysis (60-Day Team)																												
3		Pre Phase A Adv Studies (LURT)	6/14/96	■	Pre Phase A Adv Studies (LURT)																												
4		Prelim Non-Advocate Review	9/20/96	◆	Prelim Non-Advocate Review																												
5		Project CR Approved	12/19/96	◆	Project CR Approved																												
6		Start-up Funding Approved	10/9/96	◆	Start-up Funding Approved																												
7	App S/W	Demo Auto Cmd and Ctrl - HMF	9/25/98								▽	Demo Auto Cmd and Ctrl - HMF																					
8	App S/W	Demo Auto Cmd/Cntrl - Orb PU (OPF)	9/24/99									▽	Demo Auto Cmd/Cntrl - Orb PU (OPF)																				
9	App S/W	Demo Auto Cmd/Cntrl - Orb Up-Mission Proc (UMPS)	3/31/00										▽	Demo Auto Cmd/Cntrl - Orb Up-Mission Proc (UMPS)																			
10	App S/W	Demo Man/Auto Cmd/Cntrl - Orb PU (Flight H/W)	3/26/99										▽	Demo Man/Auto Cmd/Cntrl - Orb PU (Flight H/W)																			
11	App S/W	Demo Man/Auto Cmd/Cntrl - Orb PU (Model)	9/25/98									▽	Demo Man/Auto Cmd/Cntrl - Orb PU (Model)																				
12	App S/W	Demo Manual Cmd/Cntrl - Orb PU (OPF)	3/26/99										▽	Demo Manual Cmd/Cntrl - Orb PU (OPF)																			
13	App S/W	Demo Manual Cmd/Cntrl - Orb Up-Mission Proc (UMP)	9/24/99										▽	Demo Manual Cmd/Cntrl - Orb Up-Mission Proc (UMPS)																			
14	App S/W	HMF - Monitor Only	3/27/98									▽	HMF - Monitor Only																				
15	App S/W	HMF Pathfinder	9/26/97						◆	HMF Pathfinder																							
16	App S/W	Monitor Man/Auto Cmd/Cntrl - Orb PU (VAB)	3/31/00														▽	Monitor Man/Auto Cmd/Cntrl - Orb PU (VAB)															
17	App S/W	Monitor Man/Auto Cmd/Cntrl - Pad Processing Ops	9/29/00															▽	Monitor Man/Auto Cmd/Cntrl - Pad Processing Ops														
18	App S/W	Monitor Man/Auto Cmd/Cntrl - Pad Validation	3/31/00															▽	Monitor Man/Auto Cmd/Cntrl - Pad Validation														
19	App S/W	Monitor Man/Auto Cmd/Cntrl -Facilities Control for CCS	9/28/01																					▽	Monitor Man/Auto Cmd/Cntrl -Facilities Control for CCS								
20	App S/W	Monitor Man/Auto Orbiter Power-Up (PAD)	9/24/99														▽	Monitor Man/Auto Orbiter Power-Up (PAD)															
21	App S/W	Monitor Orbiter Power-Up Stationkeeping (OPF)	3/26/99											▽	Monitor Orbiter Power-Up Stationkeeping (OPF)																		
22	App S/W	Monitor Orbiter Up-Mission Processing (UMPS)	3/26/99											▽	Monitor Orbiter Up-Mission Processing (UMPS)																		
23	App S/W	OPF Application S/W Validated	3/31/00															▽	OPF Application S/W Validated														
24	App S/W	PAD Application S/W Validated	7/15/00																▽	PAD Application S/W Validated													
25	App S/W	Support Launch Processing Operations	12/1/00																	▽	Support Launch Processing Operations												
26	App S/W	Demo Auto Cmd/Cntrl - Tanking Ops	9/29/00																	▽	Demo Auto Cmd/Cntrl - Tanking Ops												
27	App S/W	LCC-X Ready for SLWT Test	9/26/97						◆	LCC-X Ready for SLWT Test																							
28	Capabilities	CDS Decommissioned	2/28/99											▽	CDS Decommissioned																		
29	Capabilities	GIM First Art. Acceptance @ KSC	7/22/97						◆	GIM First Art. Acceptance @ KSC																							
30	Capabilities	GIM First Art. Demo @ Lockheed Sanders (Nashua, N	11/7/97						◆	GIM First Art. Demo @ Lockheed Sanders (Nashua, NH)																							
31	Capabilities	GIM H/W Ready to Ship	1/26/98										▽	GIM H/W Ready to Ship																			
32	Capabilities	GIM Remote Access Demo	6/26/97						▽◆	GIM Remote Access Demo																							
33	Capabilities	SDC - CLCS Data Store ORR	10/1/99																▽	SDC - CLCS Data Store ORR													
34	Capabilities	SDC - End-to-End Verif Complete	11/17/98											▽	SDC - End-to-End Verif Complete																		
35	Capabilities	SDC - Limited Production Support	10/6/97						◆	SDC - Limited Production Support																							
36	Capabilities	SDC - Operational	2/2/99																▽	SDC - Operational													
37	Capabilities	SDC - ORR	12/18/98																▽	SDC - ORR													
38	Capabilities	SDC - Phase I Installation Complete	7/1/98											▽	SDC - Phase I Installation Complete																		
39	Capabilities	SDC - Phase II Installation Complete	7/5/99																	▽	SDC - Phase II Installation Complete												
40	Capabilities	SDC - Prelim End-to-End Verif Complete	10/15/97						◆	SDC - Prelim End-to-End Verif Complete																							
41	Capabilities	SDC - SN0 Backup Capable	10/31/97						◆	SDC - SN0 Backup Capable																							
42	Capabilities	SDC Release P1 H/W Installed & Activated	9/18/98											▽	SDC Release P1 H/W Installed & Activated																		
43	Capabilities	SIM - Data Logging, Logging Reduction (Release 4)	10/2/97						◆	SIM - Data Logging, Logging Reduction (Release 4)																							
44	Capabilities	SIM - End-to-End Verification Complete	10/24/98											▽	SIM - End-to-End Verification Complete																		
45	Capabilities	SIM - Model and Procedure Non-CCMS Graphics	2/3/98										▽	SIM - Model and Procedure Non-CCMS Graphics																			
46	Capabilities	SIM - Model and Procedure Translator (Release 2)	6/13/97						▽◆	SIM - Model and Procedure Translator (Release 2)																							

Approval: Original signed by Teresa Strobush, Schedule Coordinator

ID	Main Headings	Task Name	Finish	6		1997				1998				1999				2000				2001				2002				2003				2004												
				Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2															
47	Capabilities	SIM - Model Databank and Model Translator	4/29/97							▽	SIM - Model Databank and Model Translator																																			
48	Capabilities	SIM - Model Execution with CCMS MDM and PCM Data	3/6/98										▽	SIM - Model Execution with CCMS MDM and PCM Data																																
49	Capabilities	SIM - Project Re-Baseline	2/1/97							◆	SIM - Project Re-Baseline																																			
50	Capabilities	SIM - Real-Time Model/Procedure Execution (Release 5)	12/5/97										▽	▶	SIM - Real-Time Model/Procedure Execution (Release 5)																															
51	Capabilities	SIM - Remote Term Model/Procedure Execution (Release 3)	8/11/97							◆	SIM - Remote Term Model/Procedure Execution (Release 3)																																			
52	Capabilities	SIM - Simulation Release to Production	10/30/98														▽	SIM - Simulation Release to Production																												
53	Capabilities	SIM - Simulation Release to Validation	5/5/98														▽	SIM - Simulation Release to Validation																												
54	Capabilities	SIM - User Transition Complete for CDS	12/1/98															▽	SIM - User Transition Complete for CDS																											
55	Capabilities	SIM - Full Support to CLCS	10/31/98															▽	SIM - Full Support to CLCS																											
56	Decisions/Def	Application S/W Tools Selected	4/23/97							▶	Application S/W Tools Selected																																			
57	Decisions/Def	CM Tools Selected	4/28/97							◆	CM Tools Selected																																			
58	Decisions/Def	Display Tools Selected	6/30/97										◆	Display Tools Selected																																
59	Decisions/Def	Drawing Tools Selected	3/7/97							◆	Drawing Tools Selected																																			
60	Decisions/Def	Problem Report Tracking Tool Selected	6/30/97										◆	Problem Report Tracking Tool Selected																																
61	Deliveries	ATLAS DELIVERY	9/25/98																																											
62	Deliveries	DELTA DELIVERY	3/31/00																																											
63	Deliveries	JUNO DELIVERY	3/31/97							◆	JUNO DELIVERY																																			
64	Deliveries	NOVA DELIVERY	3/30/01																																											
65	Deliveries	REDSTONE DELIVERY	10/10/97										▶	REDSTONE DELIVERY																																
66	Deliveries	RLV DELIVERY	9/28/01																																											
67	Deliveries	SATURN DELIVERY	9/29/00																																											
68	Deliveries	SCOUT DELIVERY	9/24/99																																											
69	Deliveries	THOR DELIVERY	3/27/98																																											
70	Deliveries	TITAN DELIVERY	3/26/99																																											
71	Facility Mile	IDE-1 H/W Installed (Release C1, G1, E1)	6/30/97							▶	IDE-1 H/W Installed (Release C1, G1, E1)																																			
72	Facility Mile	IDE-1 Relocated to LCC 2P10 (Move H/W)	10/31/99																																											
73	Facility Mile	IDE-2 Functionality Established in OCR-1	9/25/98																																											
74	Facility Mile	IDE-2 H/W Inst. in LCC 2P10 (Rel. C2,E2,G2)	8/31/99																																											
75	Facility Mile	LCC-X Early Start Console Inst. (Rel. C1, E1)	3/28/97							◆	LCC-X Early Start Console Inst. (Rel. C1, E1)																																			
76	Facility Mile	Relocate SDE-2 to LCC 2P10	9/24/99																																											
77	Facility Mile	SDE-1 H/W Installed @ EDL (Release C1, G1)	1/3/97							◆	SDE-1 H/W Installed @ EDL (Release C1, G1)																																			
78	Facility Mile	SDE-1 Relocated to PCC	5/9/97										◆	SDE-1 Relocated to PCC																																
79	Facility Mile	SDE-2 H/W Installed (Release C1, G1)	4/21/97							◆	SDE-2 H/W Installed (Release C1, G1)																																			
80	Facility Mile	SDE-2 Functional	5/1/97							◆	SDE-2 Functional																																			
81	Facility Mile	SDE-3 H/W Installed (Release C1 + Misc.)	6/1/97							◆	SDE-3 H/W Installed (Release C1 + Misc.)																																			
82	Facility Mile	SDE JSC H/W Installed & Activated (Rel. C1, G1)	6/13/97							▶	SDE JSC H/W Installed & Activated (Rel. C1, G1)																																			
83	Facility Mile	SDE JSC Teardown	12/30/99																																											
84	Manifest Mile	OV-104 at OMDP	8/18/98																																											
85	Op Facilities	CCS - Floor Plan Defined	6/30/00																																											
86	Op Facilities	CCS - Fully Operational	9/13/01																																											
87	Op Facilities	CCS - H/W Inst. & Activated (Rel. C3, E2, G2)	8/31/01																																											
88	Op Facilities	CCS - LPS Decommissioned	9/14/01																																											
89	Op Facilities	CCS - ORR	9/6/01																																											
90	Op Facilities	CCS - Requirements Defined	1/16/98																																											
91	Op Facilities	CITE - Applications Test & Integration	3/3/00																																											
92	Op Facilities	CITE - First CLCS Payload Flow	9/28/00																																											

Approval: Original signed by Teresa Strobush, Schedule Coordinator

ID	Main Headings	Task Name	Finish	6				1997				1998				1999				2000				2001				2002				2003				2004	
				Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2						
93	Op Facilities	CITE - H/W Inst. & Rdy for Acceptance (Rel. C2, E2, C	2/1/99																																		
94	Op Facilities	CITE - LPS Decommissioned	9/14/01																																		
95	Op Facilities	CITE - ORR	3/6/00																																		
96	Op Facilities	CITE - Requirements Defined	1/5/98																																		
97	Op Facilities	CLCS Sust. Engr. Envrmt Estab. (2P10 or PCC)	6/30/00																																		
98	Op Facilities	DFRC - Requirements Defined	5/31/98																																		
99	Op Facilities	HMF- Ready for User Acceptance	12/30/98																																		
100	Op Facilities	HMF - H/W Inst. & Activated (Rel. C1,E2,G2(-1))	2/23/98																																		
101	Op Facilities	HMF - H/W Update (Release G2)	8/12/98																																		
102	Op Facilities	HMF - H/W Upgrade (Release C3)	5/1/01																																		
103	Op Facilities	HMF - LPS Decommissioned	5/25/99																																		
104	Op Facilities	HMF - Ready for H/W	1/14/98																																		
105	Op Facilities	HMF Working Set Drawings	12/15/97																																		
106	Op Facilities	LCC-1 Deactivation	9/28/01																																		
107	Op Facilities	LCC-1 Decommissioned	9/14/01																																		
108	Op Facilities	LCC-2 - Decommissioned	4/23/01																																		
109	Op Facilities	LCC-2 Dual Flow Capable	11/30/97																																		
110	Op Facilities	LCC-3 - Decommissioned	12/21/00																																		
111	Op Facilities	LCC-4 Decommissioned	11/27/97																																		
112	Op Facilities	Network Architecture Defined	10/10/97																																		
113	Op Facilities	OCR-1 - H/W Inst. & Activated (Rel. C2, E2, G2)	9/1/98																																		
114	Op Facilities	OCR-1 - Applications Test & Integration	7/20/00																																		
115	Op Facilities	OCR-1 - First CLCS Flow	12/20/00																																		
116	Op Facilities	OCR-1 - Launch Capable	12/20/00																																		
117	Op Facilities	OCR-1 - ORR	8/1/00																																		
118	Op Facilities	OCR-1 Floor Plan Drawings	10/23/97																																		
119	Op Facilities	OCR-1 Set Drawings Released	3/27/98																																		
120	Op Facilities	OCR-2 - Fully Operational	4/22/01																																		
121	Op Facilities	OCR-2 - H/W Inst. & Activated (Rel. C3,E2,G2)	4/15/01																																		
122	Op Facilities	OCR-2 - ORR	4/15/01																																		
123	Op Facilities	OCR-2 Floor Plan Defined	3/21/00																																		
124	Op Facilities	OCR-3 - Fully Operational	9/13/01																																		
125	Op Facilities	OCR-3 - H/W Inst. & Activated (Rel. C3,E2,G2)	8/31/01																																		
126	Op Facilities	OCR-3 - ORR	9/6/01																																		
127	Op Facilities	OCR-3 Floor Plan Defined	6/30/00																																		
128	Op Facilities	Remove Equip for LCC-2 Dual Flow	11/10/97																																		
129	Op Facilities	SAIL - Old LPS Equip Relocated to Payload Bay Area	4/10/97																																		
130	Op Facilities	SAIL - Available for S/W Development	6/1/98																																		
131	Op Facilities	SAIL - H/W Installation (Release C1, E2, G2(-1))	2/26/98																																		
132	Op Facilities	SAIL - H/W Upgrade (Release C3)	6/30/01																																		
133	Op Facilities	SAIL - H/W Upgrade (Release G2)	10/30/98																																		
134	Op Facilities	SAIL - LPS Decommissioned	9/14/01																																		
135	PMC Docs	Life Cycle Cost Analysis Baselined	5/9/97																																		
136	PMC Docs	Program Management Plan Baselined	1/31/97																																		
137	PMC Docs	Project Plan (Includes Risk Assessment) Baselined	1/31/97																																		
138	PMC Docs	System Description Document Baselined	4/23/97																																		

Approval: Original signed by Teresa Strobush, Schedule Coordinator

ID	Main Headings		Task Name	Finish	6				1997				1998				1999				2000				2001				2002				2003				20	
					Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2		
139	PMC Docs	System Level Specifications Baselined	6/26/97																																			
140	PMC Docs	System Test Plan Baselined	3/28/97																																			
141	Proj Reviews	Platforms and Networks HSRs Complete (Release C2)	5/1/98																																			
142	Proj Reviews	Platforms and Networks HSRs Complete (Release C3)	12/15/00																																			
143	Proj Reviews	Shuttle Element "No Impact" Assurance Review	6/20/00																																			
144	Proj Reviews	Acquisition Strategy Meeting	1/31/97																																			
145	Proj Reviews	Arch. Baseline Review	4/23/97																																			
146	Proj Reviews	CLCS PMC Established	2/10/97																																			
147	Proj Reviews	Console Enclosure Hardware Spec Review (HSR) (Re	12/12/97																																			
148	Proj Reviews	Gateway H/W Hardware Spec Review (HSR) (Release	1/15/98																																			
149	Proj Reviews	Non Advocate Review	6/20/97																																			
150	Proj Reviews	Project Plan Review (PPR)	5/1/98																																			
151	Proj Reviews	Project Plan Review (PPR)	4/15/99																																			
152	Proj Reviews	Project Plan Review (PPR)	4/15/00																																			
153	Proj Reviews	Project Plan Review (PPR)	4/15/01																																			
154	System S/W	Basic Constraint Management Operating	3/27/98																																			
155	System S/W	Basic System Build Provided	9/26/97																																			
156	System S/W	Basic System Data Bank Available	9/26/97																																			
157	System S/W	Basic System Fusion Operating	9/26/97																																			
158	System S/W	Basic System Load & Initialization Provided	9/26/97																																			
159	System S/W	Basic Test Build Provided	9/26/97																																			
160	System S/W	DBSAFE Initial Operations	5/1/98																																			
161	System S/W	End Item Manager Phase II Operational	9/25/98																																			
162	System S/W	GSE Commanding Demo	9/26/97																																			
163	System S/W	Initial End-Item Management Operating	3/27/98																																			
164	System S/W	Initial Sys & User Displays Receiving Shuttle Data	3/31/97																																			
165	System S/W	Initial System Commanding Complete	9/26/97																																			
166	System S/W	Initial System Communications Complete	3/31/97																																			
167	System S/W	Initial System Redundancy Functional	9/25/98																																			
168	System S/W	S/W Portability Demonstrated (Release C2)	5/1/98																																			
169	System S/W	Super Lightweight Data & Displays Functional	9/26/97																																			
170	System S/W	System Development Environment On-Line	3/31/97																																			
171	System S/W	System Redundancy Management	3/26/99																																			
172	System S/W	System Support Software and Services	3/26/99																																			
173	System S/W	System Support Software and Services	9/24/99																																			
174	System S/W	System Support Software and Services	3/31/00																																			